

Notice of Allowability

Application No.

09/809,213

Applicant(s)

BRONSON, BARRY

Examiner

Nitin Patel

Art Unit

2629

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/31/2005.
2. ☒ The allowed claim(s) is/are 1,4-9,16-20,22-24,26-28 now renumbered 1-18 respectively.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

REASON FOR ALLOWANCE

1. The Board of Patent Appeals and Interference Decision in which the Board sustained rejection of claims 1,2,4-15 and reversed the rejection of claims 3,16-20,22-24 and 26-28. Appellant has amended claims 1,4,5,22,23,26 and 28 to comply with the Board's decision and cancelled claims 2,3,10-15,21 and 25.

After further search of prior art and reference used by examiner and as argued by the applicant in the amendment filed on 10/31/2005 page 8-9, the following is an examiner's statement of reason for allowance.

2. Claims 1,4-9,16-20,22-24,26-28 is allowed. Claims 2-3,10-15,21,25 have been cancelled.

The prior art fails to teach or suggest a method of displaying images using an image display device having two displays, each display being arranged in the image display device so as to be capable of presenting an image to an eye of a user, the method comprising: dividing image signal data into a first portion and a second portion, the first portion differing from the second portion; generating a right display signal using the first portion of the image signal data; generating a left display signal using the second portion of the image signal data; transmitting the right display signal to a right one of the displays; transmitting the left display signal a left one of the displays; displaying a right image on the right display from the right display signal; and displaying a left image on the left display from the left display signal, substantially simultaneously with the displaying of the right image wherein the image signal data includes data capable of describing a source image arrangeable into an array of columns and rows,

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the step of dividing image signal data comprising: selecting a right set of image data values from the image signal data corresponding to selected points on the array of the source image, the right set of image data values being used to form the first portion of the image signal data; and selecting a left set of image data values from the image signal data corresponding to selected points on the array of the source image, the left set of image data values differing from the right set of image data values, and being used to form the second portion of the image signal data wherein the step of selecting a left set of image data values includes the step of selecting image data values of which none are included in the right set of image data values as claimed in claim 1.

The prior art fails to teach or suggest an image display device, the device comprising: a controller arranged to utilize a first portion of image signal data to generate a right display signal, and to utilize a second portion of image signal data to generate a left display signal, the first portion of the image signal data and the second portion of the image signal data being obtained from a source image signal; a right display operably connected to the controller to receive the right display signal and to utilize the right display signal to display a right image to a right eye of a user; and a left display operably connected to the controller to receive the left display signal and to utilize the left display signal to display a left image to a left eye of a user, wherein the right display signal differs from the left display signal as claimed in claim 16.

The prior art fails to teach or suggest a method comprising generating first and second sets of pixels from an input image using different portions of the input image; and providing the first and second sets of pixels to a left eye display and right eye

display, respectively wherein the input image comprises an array of pixels having rows and columns, and wherein generating the first and second sets of pixels comprises selecting different rows and columns of the input image when generating the first set of pixels than when generating the second set of pixels as claimed in claim 22.

The prior art fails to teach or suggest a method comprising generating first and second sets of pixels from an input image using different portions of the input image; and providing the first and second sets of pixels to a left eye display and right eye display, respectively wherein the input image comprises an array of pixels having rows and columns, and wherein the input image comprises an array of pixels having rows and columns, and wherein generating the first and second sets of pixels comprises selecting different columns from the input image when generating the first set of pixels than when generating the second set or pixels as claimed in claim 23.

The prior art fails to teach or suggest, “ wherein the controller generates the left and right eye images using portions of the input image, wherein the portion use to generate the left eye image differs from the portion used to generate the right eye image wherein the input image comprises an array of pixels having rows and columns and wherein the controller selects different columns of the input image when generating the left eye image than when generating the right eye image” as claimed in claim 26 in combination with other limitation, is not taught by the prior art and other prior art of records.

The prior art fails to teach or suggest, “ wherein the controller generates the left and right eye images using portions of the input image, wherein the portion use to

generate the left eye image differs from the portion used to generate the right eye image; wherein the input comprises an array of pixels having rows and columns, and wherein the controller selects different rows and columns of the input image when generating the left eye image than when generating the right eye image” as claimed in claim 28 in combination with other limitation, is not taught by prior art and other prior art of records.

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

Conclusion

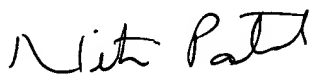
4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nitin Patel whose telephone number is 571-272-7677. The examiner can normally be reached on 8:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bipin H. Shalwala can be reached on 571-272-7681. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

NP

A handwritten signature in black ink, appearing to read "Nit Patel".

May 26, 2006